

LOCAL NOTICE TO MARINERS

U.S. Department
of Transportation

United States
Coast Guard



WEEKLY SUPPLEMENT

ISSUED BY: COMMANDER ELEVENTH COAST GUARD DISTRICT (oan)
Coast Guard Island, Building 50-6, Alameda, California 94501-5100
Telephone: Day: (510) 437-2976 24 Hour FAX: (510) 437-5836
For subscription information and other questions, comments and suggestions,
call QM2 Daniel Chase at (510) 437-2981
Boating Safety Classes or Information: 1-800-869-SAIL (7245)

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management
promulgated by BNM 0557-00 to BNM 0603-00 has been incorporated in this notice if still significant.

LIGHT LIST REFERENCE: COMDTPUB P16502.6 LIGHT LIST, VOLUME VI 2000 Edition

USE OF THE LOCAL NOTICE TO MARINERS

With the exceptions of Sections II, III, and VI, the Weekly Supplemental editions contain only new information available in the past seven days. For all available information concerning the waterways of the Eleventh Coast Guard District, consult Monthly Edition 31-00 and Weekly 32-00.

I. SPECIAL NOTICES

LORAN-C STATUS AS OF 15 Aug 2000.

Loran-C stations for 8290/9940 Chains are on air. For information regarding the Loran-C System, contact the Coordinator of Chain Operations West Coast at (707) 765-7590.
LNM 33/00 dated 15 Aug 2000.

dGPS STATUS AS OF 15 Aug 2000.

Pigeon Point dGPS site will be off air from 1600Z to 1800Z 29 AUG 2000. Point Blunt dGPS site will be off air from 1600Z to 2200Z 05 Sep 2000. For information regarding the dGPS system, or for status updates contact the Petaluma Control Center at (707) 765-7612/ 7613.
LNM 33/00 dated 15 Aug 2000.

II. DISCREPANCIES / DISCREPANCIES CORRECTED AS OF 0800T 15 August 2000

DISCREPANCIES: (bold type and * denote new information since last LNM)

LLNR	NAME OF AID	STATUS	CHARTS AFFECTED	BNM REF.	LNM REF.
210.00	Point Arguello Light	REDUCED INTEN/FOG SIG INOP	18720	0293-00	20-00
213.00	NOAA Environmental LB 46011	EXTINGUISHED	18700	0320-00	21-00
225.00	San Luis Obispo Light	REDUCED INTENSITY	18700	0421-00	32-00
280.00	Point Sur Light	REDUCED INTENSITY	18680	0506-00	30-00
475.00	Punta Gorda Lighted Whistle Buoy 24	OFFSTATION	18620	0393-00	26-00
1720.00	San Diego Lighted Mooring Buoy 19	IMPROPER CHARACTERISTICS	18773	0109-00	08-00
2395.00	Dana Point Breakwater LT 3	FOG SIGNAL INOPERATIVE	18746	0552-00	31-00
2600.00	Begg Rock Lighted Whistle Buoy 4BR	EXTINGUISHED	18755	0187-00	14-00
3118.00	Los Angeles Main Channel LB 10	OFFSTATION	18751	0553-00	32-00
3155.00	Los Angeles SW Slip Danger Buoy	MISSING	18751	0899-99	52-99
3457.00	Marina Del Rey Light 3A	EXTINGUISHED	18744	0470-00	29-00
3470.00	Marina Del Rey Light 5	EXTINGUISHED	18744	0471-00	29-00
3490.00	Marina Del Rey Light 11	EXTINGUISHED	18744	0472-00	29-00
3610.00	Port Hueneme Rear Range Lt Dayboard	FADED	18725	0457-00	32-00
3765.00	Santa Barbara Harbor Light 4	FOG SIGNAL INOPERATIVE	18725	0938-98	52-98
4080.00	Santa Cruz Lighted Whistle Buoy SC	EXTINGUISHED	18685	0589-00	33-00*
4295.00	San Francisco Submarine Outfall LT	EXTINGUISHED	18649	0545-00	32-00
4690.00	Oakland Inner Harbor North Ch LT 2	EXTINGUISHED	18649	0377-00	24-00
4955.00	San Bruno Shoal Channel Light 3	MISSING	18651	0294-00	20-00
4960.00	San Bruno Shoal Channel Light 4	DAMAGED	18651	0387-00	32-00
5365.00	Emeryville Marina Light 2	EXTINGUISHED	18649	0325-00	21-00
5370.00	Emeryville Marina Light 3	EXTINGUISHED	18649	0326-00	21-00
5380.00	Emeryville Marina Light 5	IMPROPER CHARACTERISTICS	18649	0327-00	21-00
5385.00	Emeryville Marina Light 6	EXTINGUISHED	18649	0328-00	21-00
5395.00	Emeryville Marina Light 8	EXTINGUISHED	18649	0329-00	21-00
5725.00	Richmond Harbor Channel Light 9	LEANING	18649	0628-99	37-99

15 Aug 2000

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THE WORLD WIDE WEB AT WWW.NAVCEN.USCG.MIL

LNM 33/00

Discrepancies (Cont'd)

6020.00	Petaluma River Entrance Ch. Lt. 10	REDUCED INTENSITY	18654	0250-00	17-00
6185.00	Napa River Range Front Light 14	LEANING	18654	0561-99	33-99
7620.00	Sacramento River Buoy 2	MISSING	18661	0318-00	20-00
8430.00	Lake Tahoe Buoy 10	OFFSTATION	18665	0483-00	29-00

DISCREPANCIES CORRECTED

135.00	Los Angeles Light	WATCHING PROPERLY	18740	0380-00	32-00
240.00	Morro Bay West Breakwater Lt	WATCHING PROPERLY	18700	0442-00	32-00
360.00	San Francisco LHB SF	WATCHING PROPERLY	18680	0440-00	27-00

III. TEMPORARY CHANGES/TEMPORARY CHANGES CORRECTED - ESTABLISHED/DISCONTINUED AIDS

2054.00	Sweetwater Channel Light 4	TRLB	18773	0229-00	16-00
3116.00	Los Angeles Main Channel LB 8	TEMPORARILY RELOCATED	18751	0032-00	04-00
3615.00	Port Hueneme West Jetty Light 3	TEMPORARILY RELOCATED	18725	0599-00	33-00*
3772.00	Santa Barbara HBR Lighted Buoy 5A	TRUB	18725	0146-00	10-00
5685.00	Richmond Channel Lighted Buoy 4	TRLB	18749	0535-00	30-00
6395.00	Seal Islands Channel Daybeacon 3	TRUB	18656	0571-99	34-99
8035.00	Tomales Bay Buoy 3	TRUB	18643	0781-98	43-98
8255.00	Samoa Channel Light 4	TRLB	18622	0478-99	29-99
8260.00	Samoa Turning Basin Lighted Buoy 6	TRLB	18622	0309-99	19-99
8330.00	Hookton Channel Light 10	TRLB	18622	0598-99	37-99
8585.00	Lake Tahoe Restricted Area DBN L	TRUB	18665	0702-98	40-98

TEMPORARY CHANGES CORRECTED:

3855.10	Morro Bay Channel Lighted Buoy 4A	DISESTABLISHED	18703	0110-00	08-00
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IV. CHART CORRECTIONS

18640	24 th ed. 07/08/2000 NEW EDITION 18ACO18640 NAD 83 WEST COAST-CALIFORNIA-SAN FRANCISCO TO POINT ARENA (New edition due to changes in traffic routing system)		(NOS Silver Spring, MD)	33/00
			1:207,840/LORAN-C/\$16.50	
18652	30 th ed. 05/01/1999 NAD 83 Last LNM: 25/00 CA - SAN FRANCISCO BAY TO ANTIOCH SUISUN BAY (PAGE E)		(NOS NW -3422)	33/00
	Add Tabulation - Suisun Bay and San Joaquin River	centered at	38°07'35.000"N 121°50'30.000"W	
18656	51 st ed. 09/11/1999 NAD 83 Last LNM: 25/00 CA - SUISUN BAY		(NOS NW -3382)	33/00
	Add Tabulation - Suisun Bay	centered at	38°10'25.000"N 121°51'23.000"W	
18657	16 th ed. 07/03/1999 NAD 83 Last LNM: 25/00 CA - CARQUINEZ STRAIT		(NOS NW -3327)	33/00
	Add Tabulation - Suisun Bay	centered at	38°01'51.000"N 122°05'28.000"W	
18658	29 th ed. 03/13/1999 NAD 83 Last LNM: 25/00 CA - SUISUN BAY ROE ISLAND AND VICINITY		(NOS NW -3351)	33/00
	Add Tabulation - Suisun Bay	centered at	38°02'11.000"N 122°02'30.000"W	
18659	14 th ed. 09/18/1999 NAD 83 Last LNM: 25/00 CA - SUISUN BAY MALLARD ISLAND TO ANTIOCH		(NOS NW -3417)	33/00
	Add Tabulation - Suisun Bay	centered at	38°00'59.000"N 121°51'41.000"W	
18680	29 th ed. 07/22/2000 NEW EDITION 18ACO18680 NAD 83 WEST COAST-CALIFORNIA-POINT SUR TO SAN FRANCISCO (New edition due to changes in traffic routing system)		(NOS Silver Spring, MD)	33/00
			1:210,668/LORAN-C/\$16.50	

V. ADVANCE NOTICE OF CHANGES IN AIDS TO NAVIGATION

CALIFORNIA- TRAFFIC SEPARATION SCHEMES IN THE APPROACHES TO LOS ANGELES-LONG BEACH- The Coast Guard plans to amend the existing Traffic Separation Scheme (TSS) in the approach to Los Angeles-Long Beach **effective on 1 Sep 2000**. The amendments enlarge the Precautionary Area, shift the Western Approach south, and shift the Southern Approach west. For further details and specific geographic coordinates of the new precautionary areas and traffic separation schemes consult LNM 32/00. If you have questions or comments contact Lieutenant junior grade Matt ten Berge at (510) 437-2969; email tenberge@d11.uscg.mil; or write to the address above.

Advance Notice (Cont'd)

SOUTHERN CALIFORNIA- LOS ANGELES-LONG BEACH- AID CHANGES- The Coast Guard will be making the following changes to Aids to Navigation to mark the lengthened Los Angeles Approach Channel. The following changes will occur **on or about 01 September 2000**

Establish Los Angeles Approach Channel Lighted Whistle Buoy 1 in position 33° 39' 25.200"N 118° 13' 33.000" (with RACON)

Establish Los Angeles Approach Channel Lighted Buoy 2 in position 33° 40' 23.970"N 118° 13' 44.340"

Establish Los Angeles Approach Channel Lighted Buoy 3 in position 33° 41' 16.000"N 118° 14' 24.000"

Renumber existing Los Angeles Approach Channel Lighted Buoy 1 to Los Angeles Approach Channel Lighted Buoy 5

Renumber existing Los Angeles Approach Channel Lighted Buoy 2 to Los Angeles Approach Channel Lighted Buoy 6

Renumber existing Los Angeles Main Channel Light 6 to Los Angeles Main Channel Light 8

Renumber existing Los Angeles Main Channel Lighted Buoy 8 to Los Angeles Main Channel Lighted Buoy 10

Renumber existing Los Angeles Main Channel Lighted Buoy 9 to Los Angeles Main Channel Lighted Buoy 11

Renumber existing Los Angeles Main Channel Lighted Buoy 10 to Los Angeles Main Channel Lighted Buoy 12

Renumber existing Los Angeles Main Channel Articulated Light 11 to Los Angeles Main Channel Articulated Light 13

Renumber existing Los Angeles Main Channel Light 12 to Los Angeles Main Channel Light 14.

Discontinue Los Angeles Approach Channel Approach Lighted Whistle Buoy "LA"

If you have questions or comments contact Lieutenant junior grade Matt ten Berge at (510) 437-2969; email rttenberge@d11.uscg.mil; or write to the address above.

Chart: 18746, 18751 LNM 31/00 dated 01 Aug 00

VI. PROPOSED CHANGES IN AIDS TO NAVIGATION

NORTHERN CALIFORNIA-REQUEST FOR COMMENTS - SAN FRANCISCO APPROACH LIGHTED HORN BUOY "SF"-The Coast Guard is proposing to discontinue the horn on San Francisco Approach Lighted Horn Buoy "SF". Any questions or comments can be directed to LTjg Matt ten Berge at (510) 437-2969 or write to the address above.

Chart: 18649

VII. GENERAL INFORMATION

All times are given in local time, represented by the time followed by (T).

SOUTHERN CALIFORNIA-SAN DIEGO BAY-DIVING OPERATIONS-The U.S. Navy is conducting dive operations in the vicinity of Zuniga Point, San Diego Bay, CA. These operations will involve several inert mines and other submerged objects in an area marked by the following positions:

32°40.2'N 117°12.5'W

32°40.2'N 117°12.0'W

32°41.2'N 117°12.5'W

32°41.2'N 117°12.0'W

Operations will be conducted day and night and are scheduled to run **through 31 Dec 2000**. For further questions or comments contact Chris Wray at (619) 437-5766.

Charts: 18772, 18773 LNM 33/00 dated 15 Aug 2000.

SOUTHERN CALIFORNIA-OCEANSIDE-DIVING OPERATIONS-The U.S. Navy is conducting dive operations in the vicinity of Oceanside, CA. These operations will involve several inert mines and other submerged objects in an area marked by the following positions:

33°13.6'N 117°25.7'W

33°13.8'N 117°24.9'W

33°13.3'N 117°24.6'W

33°14.0'N 117°25.3'W

Operations will be conducted day and night and are scheduled to run **through 31 Dec 2000**. For further questions or comments contact Chris Wray at (619) 437-5766.

Charts: 18774 LNM 33/00 dated 15 Aug 2000.

SOUTHERN CALIFORNIA-LONG BEACH HARBOR-WESTERN ANCHORAGE DREDGING-Great Lakes Dredging and Dock Co. has resumed dredging in the Western Anchorage of Long Beach Harbor. The D/B *FLORIDA* is operating day and night until completion of dredging around **August 21, 2000**. For further questions or comments contact Matt Jack at (310) 521-5229.

Chart: 18751 LNM 33/00 dated 15 Aug 2000.

SOUTHERN CALIFORNIA-PALOS VERDES-SURVEY OPERATIONS-Columbia Analytical Services will be deploying several survey buoys to sample sediment of the Palos Verdes shelf. These buoy will be stationed **from 21 August through the end of October** in two areas marked by the following positions:

A. 33-44.4N 118-22.8W

33-44.3N 118-22.9W

33-42.4N 118-17.9W

33-42.3N 118-18.0W

B. 33-43.4N 118-21.5W

33-42.7N 118-22.1W

33-42.6N 118-20.0W

33-41.8N 118-20.6W

For further comments or details contact Jack Anderson at (760) 734-1450.

Chart: 18720 LNM 33/00 dated 15 Aug 2000.

SOUTHERN CALIFORNIA-VENTURA-SURVEY WORK-Associated Pacific Constructors, Inc. is conducting offshore anchor removal and general survey work approximately 4000' from the Mandalay Power Plant south of Ventura. Work is being conducted from the Derrick Barge *J. C. FREESE* and is scheduled to **end August 30, 2000**. For further comments or details contact Vicki Wheeler at (805) 772-7472.

Chart: 18720 LNM 33/00 dated 15 Aug 2000.

General Info (Cont'd)

25 Jul 2000

LNM 33/00

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THE WORLD WIDE WEB AT WWW.NAVCEN.USCG.MIL

NORTHERN CALIFORNIA-SAN JOAQUIN RIVER DELTA-DREDGING OPERATIONS-Ross Island Sand and Gravel is conducting dredging operations below the Rio Vista bridge on the Sacramento River. Operations are scheduled to be complete **on September 10, 2000**. For further questions or comments contact David Willoughby at (503) 935-0951.
Chart: 18652 LNM 33/00 dated 15 Aug 2000.

NORTHERN CALIFORNIA-OAKLAND ESTUARY-DREDGING OPERATIONS-Manson Construction is dredging in berths 57, 58 and the North Cell containment dike area. Operations will involve several crane barges and tugboats and are **scheduled to end February 15, 2002**. For further comments or details contact Terry Hammerwold at (510) 773-6963.
Chart: 18651 LNM 33/00 dated 15 Aug 2000.

BRIDGE INFORMATION - DISCREPANCIES AND CORRECTIONS -

Questions regarding bridge operations, regulations or permit applications, please contact: Eleventh Coast Guard District Bridge Section, Coast Guard Island, Building 50-6, Alameda, CA 94501-5100 Phone: (510) 437-3514.

NORTHERN CALIFORNIA – PETALUMA RIVER – PETALUMA D STREET DRAWBRIDGE. The draw span may be secured in the open-to-navigation position until approximately **25 August 2000**. Mariners are reminded to contact the bridge for an opening in compliance with special regulations for this bridge found in 33 CFR 117.187(b), and 33 CFR 117.21 when signaling for an open drawbridge.
Charts: 18652, 18654

NORTHERN CALIFORNIA – CARQUINEZ STRAIT – BENICIA / MARTINEZ HIGHWAY BRIDGE SEISMIC RETROFIT. The 56x9 ft. platform, located on the channelward side of the southern channel pier, has been removed. A smaller platform is located on the channelward side of the northern channel pier, but does not extend beyond the channel pier of the adjacent Union Pacific Railroad Drawbridge. **GENERAL WORK:** Concrete pours are in progress at non-channel piers 3-13. Floating equipment may be located at any pier. Working vessels are monitoring VHF-FM channels 13 and 14. Mariners are advised to transit the work site with minimum wake to ensure safe working conditions at the bridge. Mariners may contact the crew boat "EASY" on Channel 11 in advance to determine conditions at the bridge.
Charts: 18652, 18656, 18657

GENERAL – SAFETY AT BRIDGE CONSTRUCTION SITES. Most bridges in the San Francisco Bay Area are undergoing seismic retrofit. Two proposed new bridges may be constructed. Construction and retrofit activities at these bridges will involve the use of scaffolds, temporary trestles, and marine construction equipment. General information about construction activities will be provided in the weekly publication of this Local Notice to Mariners. Immediate information will be provided by Broadcast Notice to Mariners. On some projects, mariners may contact the bridge via marine radio Channel 13, in advance, to determine conditions at the bridge and if necessary, have scaffolding moved for safe passage of navigation. Commercial vessels are requested to provide VTS with "air draft," and their vertical clearance requirement to assist the bridges in anticipating the need for moving scaffolding. Mariners are advised to transit the work site with minimum wake to ensure safe working conditions at the bridge.

VIII. CORRECTIONS TO LIGHT LIST, VOLUME VI; PACIFIC COAST AND PACIFIC ISLANDS 2000:

(*Denotes the column in which a correction has been made or new information added.)

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
236	NOAA Environmental Lighted Buoy EB 46063	34 15 06N 120 39 54W	Fl (4) Y 20s			Yellow disk shaped buoy.	33/00

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IX. ADDITIONAL ENCLOSURES

Enclosure (1) Tabulation Table Chart 18652.
Enclosure (2) Tabulation Table Chart 18656.
Enclosure (3) Tabulation Table Chart 18657.
Enclosure (4) Tabulation Table Chart 18658.
Enclosure (5) Tabulation Table Chart 18659.

M. L. VAN HOUTEN
Acting Chief, Aids to Navigation and
Waterways Management Branch

CHART 18652

SUISUN BAY AND SAN JOAQUIN RIVER							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2000							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SUISUN PT. REACH	43.6	44.9	46.5	5-00	300	0.8	35
BULLS HEAD CHANNEL	34.1	35.0	34.0	5-00	300-350	1.2	35
EAST BULLS HEAD CHANNEL	33.4	33.2	33.9	5-00	350	1.1	35
PT. EDITH CROSSING RANGE	36.3	34.9	28.3	5-00	350	1.1	35
PRESTON PT. REACH	36.0	34.6	27.9	5-00	350	0.9	35
ROE ISLAND CHANNEL	33.1	34.0	33.6	5-00	350	1.1	35
PORT CHICAGO REACH	36.6	36.5	37.9	5-00	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	35.6	35.8	35.8	5-00	350	1.29	35
EAST REACH	34.8	36.6	35.7	5-00	350	1.09	35
NEW YORK SLOUGH							
WEST REACH	31.9	33.5	35.4	5-00	400	1.3	35
EAST REACH	34.1	34.4	34.4	5-00	400	1.7	35
SAN JOAQUIN RIVER							
ANTIOCH REACH	30.1	31.3	30.1	3,12-99	400	3.3	35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

CHART 18656

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2000							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SUISUN PT. REACH	43.6	44.9	46.5	5-00	300	0.8	35
BULLS HEAD CHANNEL	34.1	35.0	34.0	5-00	300-350	1.2	35
EAST BULLS HEAD CHANNEL	33.4	33.2	33.9	5-00	350	1.1	35
PT. EDITH CROSSING RANGE	36.3	34.9	28.3	5-00	350	1.1	35
PRESTON PT. REACH	36.0	34.6	27.9	5-00	350	0.9	35
ROE ISLAND CHANNEL	33.1	34.0	33.6	5-00	350	1.1	35
PORT CHICAGO REACH	36.6	36.5	37.9	5-00	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	35.6	35.8	35.8	5-00	350	1.29	35
EAST REACH	34.8	36.6	35.7	5-00	350	1.09	35
NEW YORK SLOUGH							
WEST REACH	31.9	33.5	35.4	5-00	400	1.3	35
EAST REACH	34.1	34.4	34.4	5-00	400	1.7	35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

CHART 18657

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2000							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SUISUN PT. REACH	43.6	44.9	46.5	5-00	300	0.8	35
BULLS HEAD CHANNEL	34.1	35.0	34.0	5-00	300-350	1.2	35
EAST BULLS HEAD CHANNEL	33.4	33.2	33.9	5-00	350	1.1	35
PT. EDITH CROSSING RANGE	36.3	34.9	28.3	5-00	350	1.1	35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

CHART 18658

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2000							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
EAST BULLS HEAD CHANNEL	33.4	33.2	33.9	5-00	350	1.1	35
PT. EDITH CROSSING RANGE	36.3	34.9	28.3	5-00	350	1.1	35
PRESTON PT. REACH	36.0	34.6	27.9	5-00	350	0.9	35
ROE ISLAND CHANNEL	33.1	34.0	33.6	5-00	350	1.1	35
PORT CHICAGO REACH	36.6	36.5	37.9	5-00	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	35.6	35.8	35.8	5-00	350	1.29	35
EAST REACH	34.8	36.6	35.7	5-00	350	1.09	35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

CHART 18659

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2000							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
NEW YORK SLOUGH							
WEST REACH	31.9	33.5	35.4	5-00	400	1.3	35
EAST REACH	34.1	34.4	34.4	5-00	400	1.7	35
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

25 Jul 2000

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LNM 33/00

